

## Safe and Effective Biofilm Inhibitory Compounds and Health-Related Uses Thereof

### Abstract of the Invention

The present invention provides compounds and materials that reduce the accumulation of microorganisms a surface, by interfering with the attachment of the organisms to the surface. The compounds and materials are thus useful in preventing the formation of biofilms on surfaces in health-related environments. By preventing the formation of biofilms, the compounds formulated according to the present invention can be used in the fabrication of grafts, implants, medical devices in order to prevent infection thereof. The compounds formulated according to the present invention display an additional anticoagulant property, permitting their use in settings where decrease in blood coagulability is desirable.